



Terms of Reference /Technical Specification Clauses

Item Name: Spot Vital Signs Devices for Blood Donor Examination

In the context of blood donor physical examination, reliable and durable spot vital signs devices are essential to rapidly assess key health parameters (temperature, pulse, blood pressure) ensuring donor eligibility and safeguarding donor and recipient safety.

I- Specifications:

- Measurement range:
 - Temperature: 35–42 °C
 - Pulse rate: 40–200 bpm
 - NIBP systolic: 60–250 mmHg
 - SpO₂: 70–100 %
- Accuracy: ± 0.1 °C (temperature), ± 3 bpm (pulse), ± 3 mmHg (NIBP).
- Display: digital color screen, easy to read under clinic lighting.
- Power: rechargeable battery (minimum 8 h operation) + AC power supply.
- Construction: durable medical-grade housing, easy to disinfect.
- Compliance: CE marked or FDA approved for medical devices.

II- Training:

- Supplier to provide on-site training for BTS personnel on operation, maintenance, and infection control

III- Documents to be delivered:

- Equipment User Manual and calibration procedures.
- Certificate of Conformity and Calibration
- Installation Qualification (IQ) report
- Operational Qualification (OQ) report
- Preventive Maintenance Log
- Warranty
- **Completed LRC BTS Supplier Qualification Form:** The official form must be fully completed, signed, and stamped.

IV- Accessories required:

- cuffs (small, medium, large adult sizes), temperature probes, power adapters/chargers, and mobile stands with lockable wheels.

V – Transport, installation, and setup

To be assured by the company.